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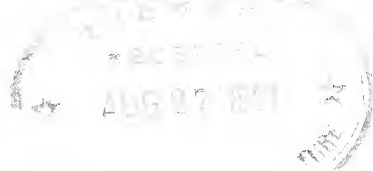
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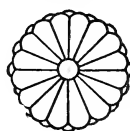
**Totty's Fall Guide**  
*to*  
**Gardens of Perennial Joy**

*Season 1921*



*Charles H. Totty*  
*Company*

MADISON · N.J.



# *Suggestions for Ordering and Terms of Sale*

Please favor us with your order promptly upon receipt of this catalogue, using enclosed order-sheet which will facilitate the task of filling the order properly.

**Postpaid Delivery**—At the prices quoted in this catalogue, we will deliver all bulbs listed in the first eleven pages of this catalogue anywhere in the United States when cash accompanies the order. This does not apply, however, to the perennial plants which we prefer to ship by express. This enables us to send larger plants and pack them better. Where plants are desired by Parcels Post, please add 10% of the amount of your order to your remittance, if you live east of the Mississippi. On points west thereof, add 15% to cover postage.

**Express Shipments**—On account of express strikes and other troubles beyond our control, we do not assume liability for any shipment once it has been accepted in good condition by the express company. All stock must travel at purchaser's risk.

**Quantity Plant Orders**—Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not supply less than twenty-five of one variety at the hundred rate, as it takes considerable time to select one hundred plants in twenty or thirty varieties and we must charge for the same accordingly.

**Quantity Bulb Orders**—Not less than six bulbs will be supplied at the special dozen rate; not less than twenty-five at the hundred rate. Estates, institutions and other large purchasers of bulbs are respectfully invited to afford us a chance to make special quotations for extensive plantings. Our bulbs are grown for us under contract by the best growers abroad, have passed the supervision of the best-posted experts and will assure you a flower product second to none.

**Terms**—Remittance may be made at our risk by either Express or Post Office Money Order or cash by registered mail. Your personal check is also welcome. Should you desire to open an account, we would ask those who have not dealt with us to give satisfactory reference.

We exercise every possible care to keep plants clean and true to name, but we give no warranty, express or implied, on same and if customers are unwilling to accept them on these terms, they must be returned to us at once.

**CHARLES H. TOTTY COMPANY**

**Madison**

**New Jersey**



## *Midsummer Greetings to Totty Customers*

**F**OR eighteen years, we have served America's most exacting home gardeners with high-class specialties and novelties for the ornamental garden. Gradually, this business has developed until to-day we prize and value customers in every state of the Union. As the business developed, our service improved until we feel confident that we have not only thousands of customers but thousands of friends among our exacting patrons.

Our one regret has been that heretofore it has not been practical or possible to come to our customers more than once a year. The last few years, however, have seen such a greatly increased interest not only in fall planting but in the liberal planting of that class of nursery stock known as Dutch Bulbs. Feeling that our customers will appreciate the same high-class service in Tulips, Daffodils and Hyacinths that they have been getting in Chrysanthemums, Roses and Delphiniums, we are herewith offering for the first time a select list of bulbous plants for the ornamental garden.

Because the appreciation of Bulb Gardens is still rather in its infancy, we have departed from our policy of offering aught but the unusual novelties. Rather do we offer in the following pages an assortment of kinds, the merit of which has been proven conclusively, and which we are sure will help you to greater garden pleasures.

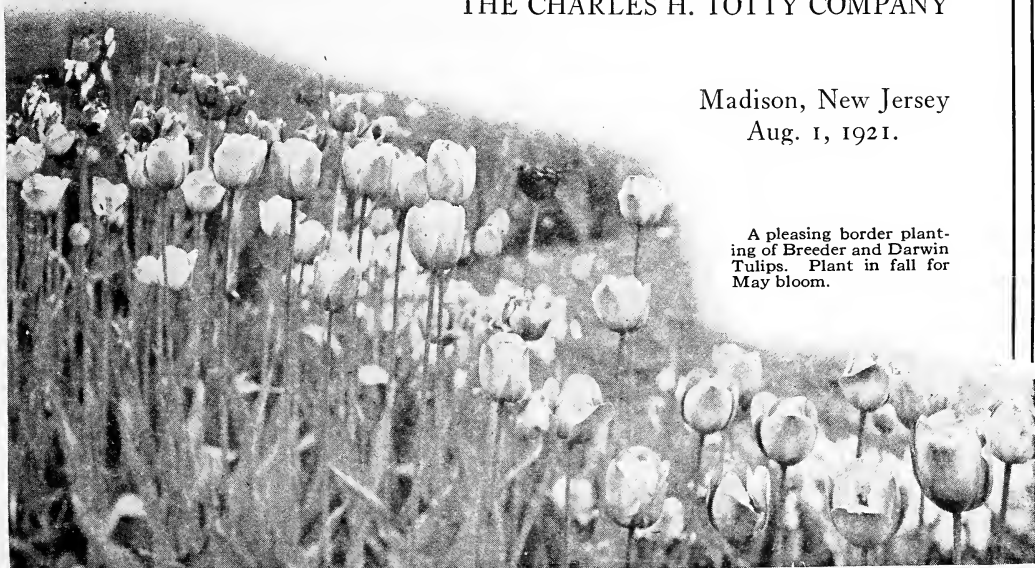
Hand in hand with the planting of Bulb Gardens should go the making of Hardy Perennial Gardens. You will find, therefore, that the last half of this Guide to Fall Planting is devoted to Hardy Perennial plants, the planting of which we strongly urge during the fall months. Fall-planted Perennial and Bulb Gardens will bring you the greatest garden joys spring can produce. We trust that the suggestions in this book will help you materialize fond garden dreams.

Sincerely yours,

THE CHARLES H. TOTTY COMPANY

Madison, New Jersey  
Aug. 1, 1921.

A pleasing border planting of Breeder and Darwin Tulips. Plant in fall for May bloom.



## General Culture Directions

Broadly speaking, all the Dutch Bulbs offered in the following pages may be planted any time from September until cold stops planting operations outdoors. Even the arrival of cold or freezing weather need not stop planting if precaution is taken to spread straw, manure or litter over the soil to a depth of four or five inches. This will keep out the cold for a considerable period.

Generally speaking, all of the bulbs are best planted in masses, either in clumps through the shrubbery border or in solid beds. A broad rule to follow is to cover the bulbs about one and a half times their own depth in diameter. Thus, if a Hyacinth measures three inches from crown to bottom, it should be covered with about four to five inches of soil; the heavier the soil, the less covering should be given. As for spacing the bulbs, it is safe to allow from two to three times as much space between the individual bulbs as the bulbs themselves cover. Thus, if a Tulip bulb measures two inches in diameter, the bulbs should be planted from four to five inches apart in the clumps or in rows. However, never plant them in single rows but at least in double rows, three parallel rows being better. When named varieties are planted in clumps, the space between the individual bulbs may be slightly less.

We give herewith a few specific cultural directions in connection with the different classes:—

### HYACINTHS

**OUTDOOR CULTURE.** Plant any time from October to December. They succeed in any good, well-drained garden soil. Set the bulbs so that the crowns will be 3 or 4 inches below the surface and 6 to 10 inches apart. Before very severe weather, cover the beds with straw, leaves or manure for protection. Remove when danger from hard frost is past in the Spring.

**POT CULTURE.** Plant any time from September to December. A light, rich soil is most suitable. Use a 4- or 5-inch pot (or several bulbs may be planted together in larger pots or bulb pans), and have the tops of the bulbs just above the surface. After potting water well and set away in a cool cellar and cover with coal-ashes, or some litter, until thoroughly rooted. During this period be careful that they do not dry out. They may then be brought into the house, keeping them in a very cool, light room until the flower spikes are developed. They may then be placed wherever they are wanted.

**CULTURE IN GLASSES.** Bulbs should be placed so that their base **merely touches the water**. The glasses should then be set in a cool, dark closet, or in the cellar, until filled with roots, when they may be brought into the light. A piece of charcoal about an inch in diameter, placed in each glass, will keep the water sweet. Give as much fresh air as possible, and keep in a cool room until the spikes are developed. To put them at once into a warm room would cause them to flower prematurely.

### TULIPS

Tulips produce especially beautiful effects among shrubbery and perennial beds if planted in groups or clumps or used as borders. For forcing in the house in Winter, Tulips will make splendid pot plants. The same general directions for cultivation in pots may be used as for Hyacinths. Plant 4 to 6 inches deep and 4 to 6 inches apart, according to soil and variety.

### DAFFODILS OR NARCISSI

Owing to the various sizes of the bulbs, it is not advisable to state the exact depth to plant, but the simple rule of covering the bulb one and a half times its own depth, and making the distance between the bulbs three to four inches for the smaller sorts and five to six inches for the larger ones, is a good one. For greenhouse or window-garden culture treat them the same as Hyacinths, except that three or more bulbs of one should be planted in a pot, and not single specimens.

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***Here Are A Few Special Collections*** designed to make choice easier for those who are in doubt what to plant:—

**8 magnificent Breeder Tulips, 1 dozen each, 8 Dozen Bulbs in all, for \$8.50.**  
See page 4.

**11 May flowering or Cottage Tulips as listed on page 5, 1 dozen each, or 11 Dozen in all, for \$6.75.**

**6 Superb Rembrandt Tulips, 1 dozen each, 6 Dozen Bulbs in all, for \$4.75.**  
See page 5.

**4 Double Narcissi, 1 dozen each, 4 Dozen Bulbs in all, for \$3.00.** See page 8.

## Totty's Superior Tulips

While Tulip gardens have been in vogue throughout Europe for centuries, their appreciation as a garden flower for America reaches back to less than twenty years ago. As a matter of fact, it has only been during the last decade that the magnificent Darwin and Breeder Tulips have found that degree of appreciation among our home gardeners which their impressive beauty causes them to deserve.

Our list is not as comprehensive as some you will receive. However, we have picked out for you from among the hundreds of varieties available in the different classes the most distinct sorts, sorts of which you will be proud. Some of them are easily grown as house-plants, in pots or pans, during the winter months and these we have marked with a star, indicating that they are easily forced.

The effects produced by Tulip beds, with their varied and brilliant coloring, from early in the spring, cannot be produced by any other flower. By planting a liberal selection of both early single and double as well as late-flowering Cottage and Darwin Tulips, you may enjoy this superb flower from the middle of April until almost early in June. Of course, a lot depends on the season but you can rest assured that the bulbs which we are offering you will behave as well as any obtainable anywhere. They are imported especially for Totty customers from the best sources in Europe.

### Darwin Tulips—*The Flowers of the Day*

The Darwin has become the most popular Tulip—and justly so. Its stately flowers and wide range of colors give the Tulip lover an unlimited scope of activity in his choices. They are equally satisfactory for bedding or forcing. These charming flowers come at a most opportune time in the garden. They span the gap between the spring and early summer blossoms. Darwins should be planted about six inches deep and five inches apart for best results in beds.

**BARON DE LA TONNAYE.** A faultless flower of rich rose, softly shaded with pale pink edges. One of the showiest Tulips in the garden. 30 in. 75c. per doz.; \$5.00 per 100.

**CLARA BUTT.** A stately clear pink with a rich rose flush. A justly popular Tulip, equally good for forcing or bedding. 25-28 in. 70c. per doz.; \$4.75 per 100.

**EUROPE.** Enormous flower that will out-shine anything in the garden. Brilliant salmon scarlet, shaded rose. 80c. per doz.; \$5.25 per 100.

**FARNSCOMBE SANDERS.** Fiery rose scarlet with vivid cerise scarlet, marked with blue streaks on white center within. One of the finest of all salmon-red kinds. 80c. per doz.; \$5.25 per 100.

**LA TULIPE NOIRE.** The famous Black Tulip. A very dark maroon with extra large flower of perfect form. A great favorite for bedding with other varieties. 28 in. 85c. per doz.; \$5.50 per 100.

**LOVELINESS.** Very brilliant carmine rose. Not large but very brilliant. 75c. per doz.; \$5.25 per 100.

**MME. KRELAGE.** Soft lilac with old rose shadings. One of the best for bedding or forcing. One of the tallest of all Tulips. 30-35 in. \$1.00 per doz.; \$6.50 per 100.

**PRIDE OF HAARLEM.** In a class with the "favored few" of great popularity. Brilliant rosy-carmine with blue base. A stately flower, reaching 25 in. 75c. per doz.; \$5.00 per 100.

**REVEREND EWBANK.** A magnificent flower and one of the best in the lavender shades. Vivid lavender with tinted margins. 28 in. 75c. per doz.; \$5.00 per 100.

**WHITE QUEEN (LA CANDEUR).** Do not confuse with the Cottage Tulip of the same name. A delicately shaded flower with pale rose shadings. The nearest thing to a White Darwin. 65c. per doz.; \$4.75 per 100.



These lovely Darwin and Cottage Tulips may grace your table next May.

## DARWIN TULIPS (*Continued*)

**WILLIAM COPELAND.** A lilac-rose Darwin that should be in every collection. An early bloomer and ideal forcer. 28 in. \$1.00 per doz.; \$6.50 per 100.

**WILLIAM PITT.** Large velvety purple; equally good for forcing or bedding. A very distinctive Tulip. 25 in. \$1.00 per doz.; \$6.50 per 100.

**SUPERFINE MIXTURE OF DARWIN TULIPS.** Absolutely the finest mixture offered in America. 65c. per doz.; \$4.00 per 100.

## THE BREEDER TULIPS

Of the same height, same flowering season and robust growth as the Darwins, they differ in having more elongated flowers of unusual size and wonderful colorings. Their artistic colors have, however, called them into prominence once more. Unusual color combinations of purple and bronze, gray and lilac, yellow and bronze, brown and orange, are predominating. The flowers are of perfect form, on tall, strong stems.

**APRICOT.** A favorite among Breeders. A rich mixture of salmon, rose and brown. Very large—28 in. 85c. per doz.; \$6.00 per 100.

**CARDINAL MANNING.** A soft red, flushed with rosy bronze. A magnificent flower on a sturdy stem. Base is tinged yellow. 34 in. 75c. per doz.; \$5.00 per 100.

**DON PEDRO.** Dark red, inside, rich mahogany with yellowish base. A great flower of striking beauty when planted among the lighter Breeders or Darwins. 25 in. \$1.75 per doz.; \$12.00 per 100.

**FAIRY.** Reddish-brown, shaded apricot. \$2.00 per doz.; \$15.00 per 100.

**GRAND MAITRE.** Magnificent purple violet, blue base within. 85c. per doz.; \$5.50 per 100.

**LUCIFER.** Dark orange with rosy shades; interior scarlet-orange with yellow base. 30 in. \$2.00 per doz.; \$15.00 per 100.

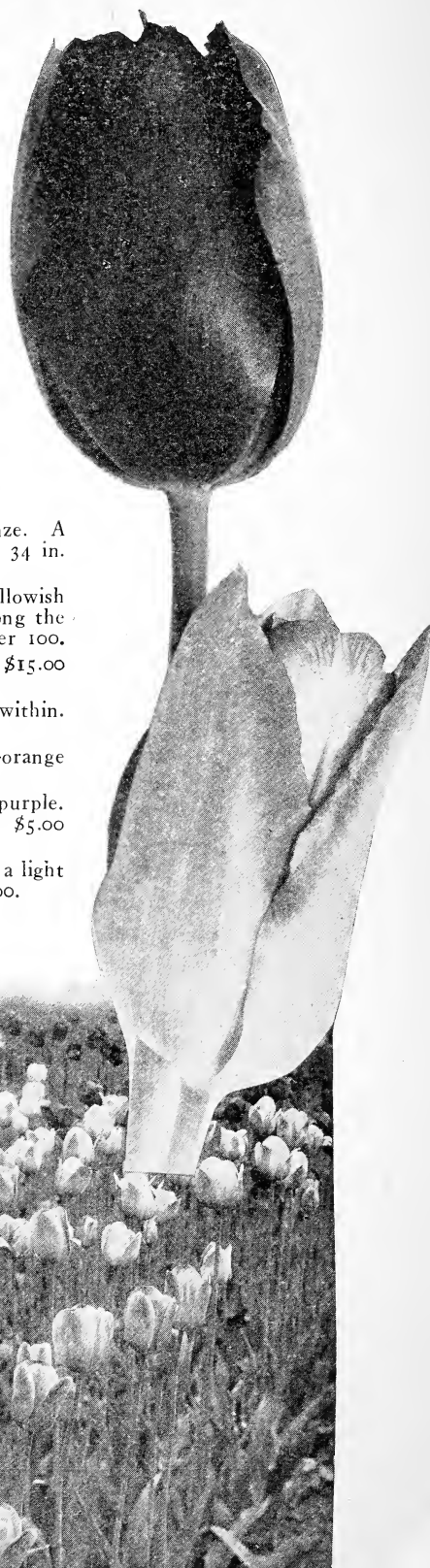
**QUEEN ALEXANDRA.** Soft sulphur-yellow, flushed with purple. Inside, yellow with black anthers. 23 in. 75c. per doz.; \$5.00 per 100.

**YELLOW PERFECTION.** A remarkably beautiful flower of a light bronze yellow, edged golden yellow. 85c. per doz.; \$6.00 per 100.

### *Special Offer:*

We will supply one dozen each of above 8 magnificent Breeders, 8 dozen bulbs in all, for \$8.50. Plant these for a glorious Tulip show.

Specimen flowers of Lucifer and Apricot  
extended over a bed of Darwin  
and Breeder Tulips



## The May-flowering or Cottage Tulips

The Cottage Tulips rank with the Darwins for brilliance and variety in color and for stately flowers. Some of the most beautiful of all Tulips are among the Cottage varieties. They bloom very late and make excellent cut flowers. They are also especially valuable for use around shrubbery. Plant in clumps, six to twenty-five in a clump, and you will be rewarded with a very pleasing picture. Nothing is prettier than "John Ruskin" against the soft evergreens.

**FAIRY QUEEN.** A magnificent, large flower of lilac and amber; a silvery heliotrope when forced. 65c. per doz.; \$4.50 per 100.

**GESNERIANA SPATHULATA (Major).** Rich crimson scarlet with blue base. A striking Tulip. Large flowers. One of the most beautiful Cottage Tulips. 65c. per doz.; \$4.50 per 100.

**GOLDEN CROWN.** An excellent Tulip to plant in clumps among the shrubs. A golden yellow with red edges. 65c. per doz.; \$4.50 per 100.

**INGLESCOMBE PINK.** A soft rosy-pink with a touch of salmon. A good forcer. One of the most popular of Cottage Tulips. 20 in. 65c. per doz.; \$4.50 per 100.

**INGLESCOMBE SCARLET.** Vivid scarlet with black base. Another favorite. A great Tulip to give color to the May garden. 20 in. 65c. per doz.; \$4.50 per 100.

**INGLESCOMBE YELLOW (Yellow Darwin).** This Tulip is sometimes called the Yellow Darwin. A large flower on a perfect stem. Soft yellow, sometimes showing red edging. 21 in. 70c. per doz.; \$4.75 per 100.

**JOHN RUSKIN.** One of the most beautiful of all Tulips. A graceful flower on a perfect stem. Color—a unique combination of salmon-rose with rich yellow edges, shaded with lavender. 18 in. 85c. per doz.; \$6.00 per 100.

**LA CANDEUR (Parisian White).** White shading to an iridescent rose. A dainty flower. 17 in. 65c. per doz.; \$4.50 per 100.

**LA MERVEILLE.** A long-stemmed, perfectly shaped flower with rich orange-scarlet petals shading to a yellow base. One of the best for bedding or forcing. Gives a striking effect in garden, lawn, border or greenhouse. 20-30 in. 60c. per doz.; \$4.00 per 100.

**MOONLIGHT.** Extra large, very beautiful sulphur-yellow flower. 85c. per doz.; \$5.75 per 100.

**PICOTEE (Maiden's Blush).** A charming Tulip that suggests a daintily-clad maiden. Pointed white flower, margined with red. One of the most popular Tulips. 20 in. 60c. per doz.; \$4.00 per 100.

## REMBRANDT TULIPS

They are much like the Darwins in habit of growth but not so large. The Rembrandt is really a variegated Darwin. They are most pleasing when combined with some of the Breeders and Darwins.

**DIANA.** Light rose; superb form. \$1.00 per doz.; \$7.00 per 100.

**EROS.** White suffused with lilac and spotted rose. 75c. per doz.; \$5.00 per 100.

**FANTASIE—Lilac.** A rosy lilac of superb form. \$1.00 per doz.; \$7.00 per 100.

**PURITY—Soft Rose.** An exquisite variety of delicate coloring. \$1.20 per doz.; \$8.50 per 100.

**QUASIMODO.** A most unique tinged and spotted carmine. 75c. per doz.; \$5.00 per 100.

**RED PRINCE.** Fiery red and rose. An exceedingly fine variety. 75c. per doz.; \$5.00 per 100.



The Rembrandt type is at its best planted with Breeder and Darwin Tulips. Purity shown here is one of the finest.

### Special Offer:—

We will supply one dozen each of the above 6 superb Rembrandt Tulips, 6 dozen bulbs in all, for \$4.75.



## SINGLE EARLY TULIPS

The Single Early Tulips have a charm all their own in the Spring Garden. Their gay colors and uniformity of shape commend themselves for bed or border designs. Special attention should be given to color selection in the planting of early Tulips in large numbers. Startling effects of peculiar satisfaction can be made through a wise choice.

**BELLE ALLIANCE.** A very fine deep scarlet, single, early Tulip. 75c. per doz.; \$5.00 per 100.

**COTTAGE MAID.** A soft pink flower, suffused with white. 70c. per doz.; \$4.25 per 100.

**COULEUR CARDINAL.** A splendid bedder of fine form. In color, a bright crimson of satiny texture. 85c. per doz.; \$5.50 per 100.

**FLAMINGO** (dark rose and white). A beautiful variety for bedding or window-boxes. In color, the shade of an American Beauty rose with a white stripe through each petal. \$1.00. per doz.; \$6.50 per 100.

**GOLDEN EAGLE.** A pure yellow Tulip; one of the best for forcing or bedding. 14 in. 75c. per doz.; \$5.00 per 100.

**GOLDFINCH.** A sweet-scented variety of golden-yellow. Low-growing. 70c. per doz.; \$4.75 per 100.

**KEIZERSKROON.** An excellent variety for bedding. Large; brilliant red flowers, bordered with deep golden-yellow. 65c. per doz.; \$4.50 per 100.

**LA REINE.** A splendid variety for forcing. Charming for bedding. Flower white with rosy blush. 60c. per doz.; \$4.00 per 100.

**MON TRESOR** (yellow). A deep, clear yellow. Excellent variety for forcing; the best yellow bedding Tulip. 85c. per doz.; \$6.00 per 100.

**PINK BEAUTY.** A variety unsurpassed in beauty and size. Color rosy-pink, slightly shaded white. 95c. per doz.; \$6.50 per 100.

**PRINCE OF AUSTRIA.** A warmly fragrant variety. Orange-scarlet in color, with a yellow base. Ideal for bedding. 75c. per doz.; \$4.75 per 100.

**PROSERPINE.** An early-blooming variety. Color, carmine-rose, with tinges of purple. Of an enormous size and globular in shape. \$1.25 per doz.; \$8.50 per 100.

**ROSE GRIS-DE-LIN.** White, with tinges of delicate pink. A most beautiful and useful variety. 65c. per doz.; \$4.50 per 100.

**ROSE LUISANTE.** (Bright rose). A magnificent flower of rose-pink, large and of great substance. Ideal for the edge of evergreen borders and a variety which may be used for late forcing. \$1.00 per doz.; \$8.75 per 100.

**VERMILION BRILLIANT.** Early forcing variety. A large flower of dazzling vermilion-scarlet. Fine form. 85c. per doz.; \$6.00 per 100.

**WHITE HAWK.** A beautiful pure white flower with slightly crinkled petals. Excellent for beds or forcing. 95c. per doz.; \$6.50 per 100.

## DOUBLE EARLY TULIPS

**COURONNE D'OR** (Crown of Gold). A splendid variety for forcing and bedding. In color, a beautiful golden-yellow slightly tinged with orange. 85c. per doz.; \$5.50 per 100.

**COURONNE DES ROSES.** Full, deep rose-color; unusually large. 95c. per doz.; \$6.50 per 100.

**IMPERATOR RUBRORUM.** A good forcing variety of a brilliant, rich scarlet. \$1.00 per doz.; \$6.75 per 100.

**LA CANDEUR.** An excellent bedding variety of pure white. 80c. per doz.; \$4.75 per 100.

**MURILLO.** A most magnificent variety of soft pink tinged with white. Very easily forced and beautiful for beds. 65c. per doz.; \$4.25 per 100.

**SAFRANO.** Also known as Tearose or Brimstone Beauty. A soft, pale yellow tinged light rose—exactly like an old Tearose. 12 in. \$1.20 per doz.; \$8.75 per 100.

**SALVATOR ROSA.** A dark pink, tinged with white. Large blooms. 95c. per doz.; \$6.50 per 100.

**TITIAN.** An early forcing variety of bright crimson, edged yellow. 85c. per doz.; \$5.75 per 100.



Double Tulips, La Candeur (white) and Emperor Rubrorum (red) combined in brilliant beds for late April show

## Totty's Daffodils or Narcissi

All the varieties of Narcissi or Daffodils we offer are perfectly hardy, and will continue to flower outdoors each year if given a congenial location and not disturbed. Where they are used for bedding, and must be lifted, it is wise to permit bulbs to remain after flowering until the foliage turns brown down to the ground, then lifted, and the earth shaken from the bulbs; they should be stored in a cool, dry place. Narcissi, like Hyacinths, should be planted by early November, and should not be allowed to remain out of the ground so long as Tulips, which may be planted up to hard frost.

### SINGLE LARGE TRUMPET NARCISSI

**BICOLOR, EMPRESS.** One of the best for naturalizing and a splendid variety for the garden. Rich yellow trumpet with surchur-white perianth. Extra fine, double-nosed bulbs \$1.00 per doz.; \$7.00 per 100. First size round bulbs 80c. per doz.; \$6.00 per 100.

**BICOLOR, VAN WAVEREN GIANT.** Said to be the largest Trumpet Narcissus. Bright yellow trumpet with primrose perianth of campanulate form. Tall and vigorous grower. Extra fine, double-nosed bulbs, \$3.00 per doz.; \$22.00 per 100.

**BICOLOR, VICTORIA.** Excellent for forcing. Golden yellow trumpet with pure white perianth. A bold, erect flower. Extra fine, double-nosed bulbs \$1.25 per doz.; \$9.00 per 100. First size round bulbs \$1.00 per doz.; \$6.75 per 100.

**EMPEROR.** Splendid for outside planting. Rich yellow trumpet with deep primrose perianth. Extra fine, double-nosed bulbs \$1.20 per doz.; \$8.50 per 100.

**GLORY OF LEIDEN** (King of Daffodils). Giant flowers with perfect golden-yellow trumpets and soft yellow perianth. Extra fine, double-nosed bulbs \$1.20 per doz.; \$8.00 per 100.

**GOLDEN SPUR.** Excellent variety for forcing. A rich golden-yellow. Extra fine, double-nosed bulbs \$1.00 per doz.; \$7.00 per 100.

**KING ALFRED.** A remarkable flower, unrivalled in size and beauty. Large golden-yellow flower with deeply frilled mouth. Extra fine, double-nosed bulbs \$2.00 per doz.; \$15.00 per 100.

**MME. DE GRAAFF.** A delicate flower with both trumpet and perianth pure white. One of the largest and finest in its class. Extra fine, double-nosed bulbs \$1.00 per doz.; \$6.50 per 100.

**MME. PLEMP.** Excellent for the garden and for naturalizing. Deep golden-yellow trumpet with pure white solid perianth. \$1.00 per doz.; \$6.50 per 100.

**SPRING GLORY.** An early flower and new. Long chrome-yellow trumpet. Pure white perianth. \$2.00 per doz.; \$15.00 per 100.

**TRUMPET MAXIMUS.** Rich golden-yellow. Perianth twisted at tips and trumpet recurved. 95c. per doz.; \$6.50 per 100.

### SINGLE MEDIUM TRUMPET NARCISSI

**BARRII, CONSPICUOUS.** Ideal for borders. Soft yellow perianth with orange-scarlet cup. Free flowering and a wonderfully strong grower. 75c. per doz.; \$4.50 per 100.

**INCOMPARABILIS, CYNOSURE.** A showy

variety for naturalizing. A primrose-yellow perianth with orange-scarlet cup. 75c. per doz.; \$4.50 per 100.

**INCOMPARABILIS, SIR WATKINS.** Sulphur perianth combined with a yellow cup, which is tinged bright orange, combine to give us in this truly incomparable Star Narcissus one of the finest of the type. The handsome flowers are of truly great size. You make no mistake in planting some of these at least. \$1.00 per doz.; \$7.00 per 100.



Narcissus, Barrii Conspicuous is ideal for massing along walks and borders

## SINGLE MEDIUM TRUMPET NARCISSI (*Continued*)

**LEEDSI. M. MAGDALENE DE GRAFF.** Used for mass planting. A free-flowering variety, often bearing two blooms to a stem. Long white perianth with orange-rose cup. 75c. per doz.; \$5.50 per 100.

**LEEDSI, MRS. LANGTRY.** Excellent for mass planting. A free-flowering variety with pure-white perianth and primrose cup. 75c. per doz.; \$5.50 per 100.

## POET'S NARCISSI

**POETICUS.** Not adapted for forcing but one of the best varieties for the border or for naturalizing. Pure white perianth with orange cup. A good example of planting between ferns and boxwood edging is shown below. Extra fine, double-nosed bulbs. 70c. per doz.; \$4.00 per 100.

**POETICUS ORNATUS.** An early-blooming variety. Splendid for massing in the garden. Perianth pure-white; rich yellow cup, with scarlet margin. Extra fine, double-nosed bulbs 75c. per doz.; \$5.50 per 100. First size round bulbs, 50c. per doz.; \$3.75 per 100.

## DOUBLE NARCISSI

**ALBA-PLENA ODORATA.** A pure-white flower, used for outdoor planting only. 65c. per doz.; \$4.50 per 100.

**ORANGE PHOENIX.** An excellent variety for forcing. Large, full double, white flowers with reddish-orange center. 85c. per doz.; \$6.00 per 100.

**SULPHUR PHOENIX.** An excellent variety for cutting. Silvery-white with sulphur-yellow center. 85c. per doz.; \$6.00 per 100.

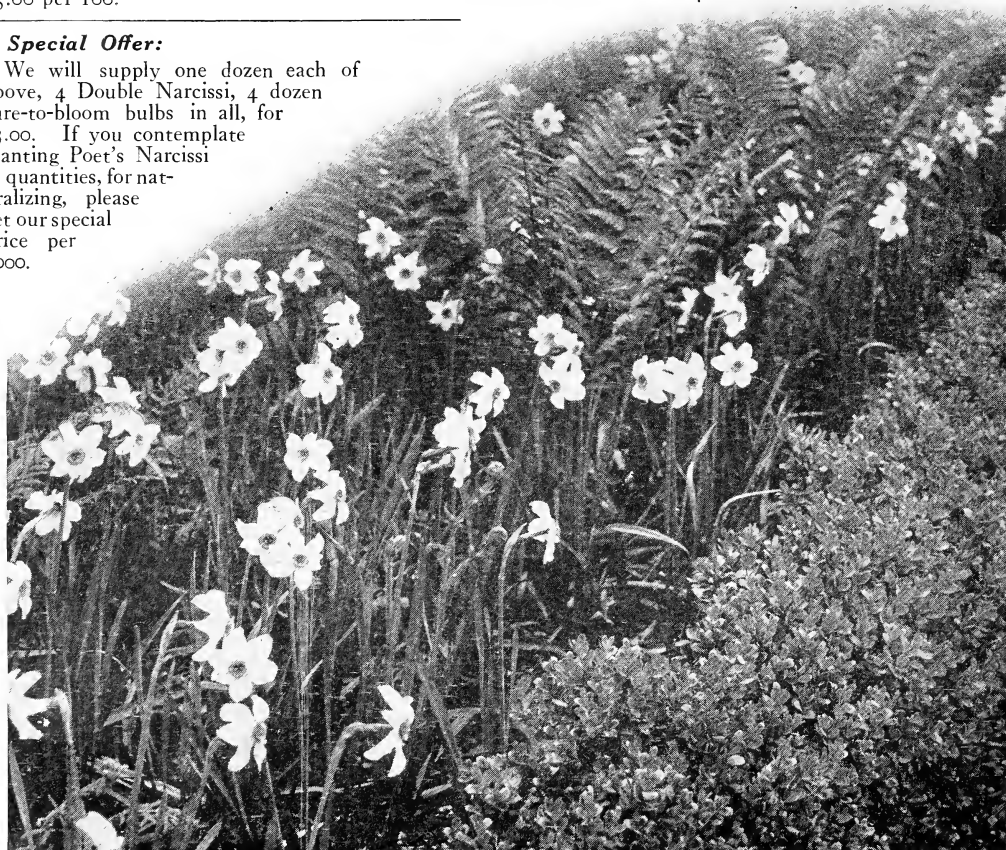
**VON SION.** A valuable variety for forcing and for groupings in the garden. Very large, pure golden-yellow. Extra fine, double-nosed Jumbo bulbs only. \$1.00 per doz.; \$7.00 per 100.

## THE GREATEST NARCISSUS FOR INDOOR CULTURE

**PAPER WHITE GRANDIFLORA.** This is the well-known cluster-flowering or Polyanthus Narcissus so popular for forcing in either pots or pans in pebbles or soil, to be had around Christmas time from bulbs planted during August and early September. It is not suitable for outdoor culture but is entirely intended for growing indoors during the winter months. By planting several pots or pans containing six to eight bulbs, for two weeks, as long as bulbs are available, the constant companionship of this fragrant favorite may be enjoyed from early in November until late in February. Extra fine, sure-to-bloom bulbs, 75c. per doz.; \$5.00 per 100.

### *Special Offer:*

We will supply one dozen each of above, 4 Double Narcissi, 4 dozen sure-to-bloom bulbs in all, for \$3.00. If you contemplate planting Poet's Narcissi in quantities, for naturalizing, please get our special price per 1000.



The flower whose grace and welcome arrival in early spring has inspired and earned it the title "Poet's Narcissus"



## Totty Hyacinths

The sorts described in the following pages are noted for their dependability. If you desire others not listed here, write us anyway. In this modest booklet we offer only the choicest and best. If some of your old favorites are not included, rest assured we can get them for you. We quote largest size, exhibition bulbs only. Special prices on 100 lots on request.

### SINGLE RED AND ROSE HYACINTHS

**CARDINAL MANNING.** Excellent deep-red compact spike. 30c. each; \$3.00 per doz.

**GENERAL DE WET.** A blush-pink; large flower. Excellent for potting. 25c. each; \$2.50 per doz.

**GERTRUDE.** Rich dark pink. One of the most popular for potting or bedding. 25c. each; \$2.50 per doz.

**LA VICTOIRE.** Bright carmine-rose. The best rich pink. Equally good for potting or bedding. 25c. each; \$2.50 per doz.

### SINGLE WHITE SHADES

**LA GRANDESSE.** Snow-white. Large spike with waxy flowers. 25c. each; \$2.50 per doz.

**L'INNOCENCE.** Pure white with extra large bells of fine substance. Excellent for forcing or bedding. 25c. each; \$2.50 per doz.

### SINGLE LIGHT AND DARK BLUE

**GRAND MAÎTRE.** Dark lavender blue with strong, well-filled spike. The most popular blue 25c. each; \$2.50 per doz.

**KING OF THE BLUES.** Very dark blue. One of the largest of all Hyacinths. Excellent for bedding or for forcing. 25c. each; \$2.50 per doz.

**LORD DERBY.** Porcelain blue; very compact growing. 25c. each; \$2.50 per doz.

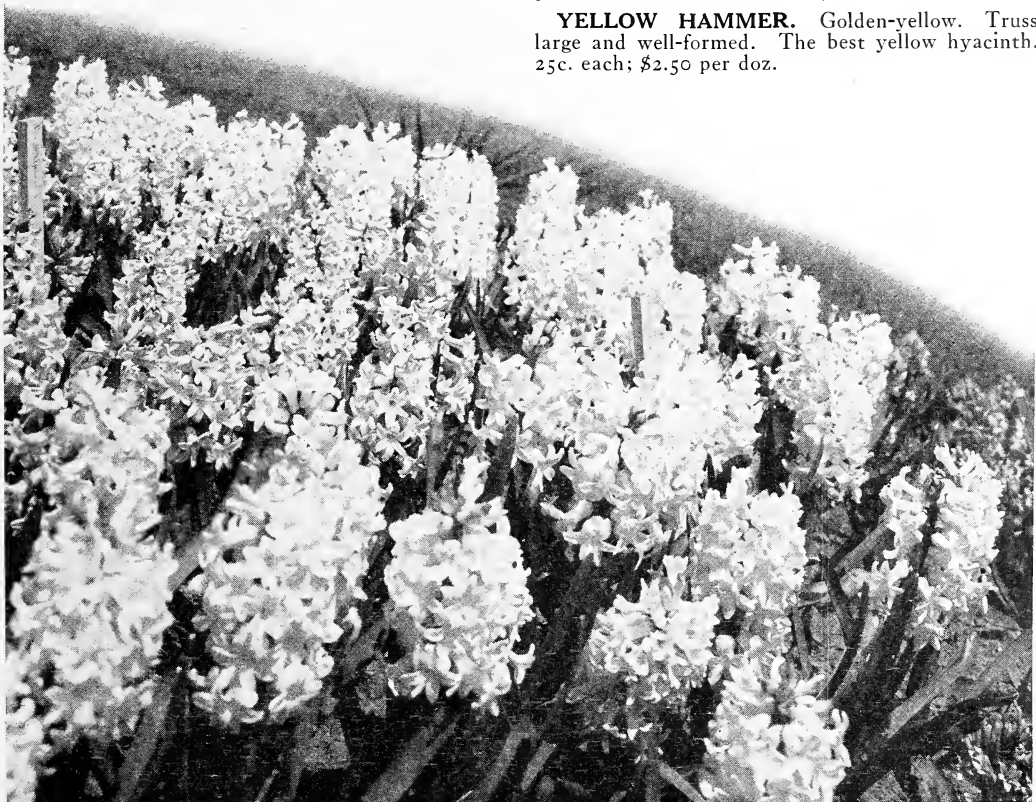
**PERLE BRILLIANT.** One of the largest of all Hyacinths. Glittering blue, tinged lavender. Especially recommended for exhibition purposes. 25c. each; \$2.50 per doz.

**QUEEN OF THE BLUES.** A clear porcelain blue. Strong stem, well-formed flowers. 25c. each; \$2.50 per doz.

### SINGLE VIOLET AND YELLOW HYACINTHS

**LORD BALFOUR.** A lilac-rose shading to dark violet. The best in this shade. 25c. each; \$2.50 per doz.

**YELLOW HAMMER.** Golden-yellow. Truss large and well-formed. The best yellow hyacinth. 25c. each; \$2.50 per doz.



The most brilliant of all for beds—the fragrant Hyacinth

## Miniature or Dutch Roman Hyacinths

This extra-early member of the Hyacinth tribe differs from the others in producing the bells on tall, loose trusses. The picture shown alongside illustrates a fair specimen flower. Roman Hyacinths are grown chiefly in water over pebbles or in pots and pans in soil or prepared fiber. By planting them during September, they may be had in bloom around Christmas time. Repeated plantings may be made to insure a continuous supply.

All varieties at the uniform rate of 75c. per doz.; \$5.00 per 100.

**GERTRUDE.** Dark pink.

**GIGANTEA.** Light pink.

**GRAND MAITRE.** Porcelain blue.

**KING OF BLUES.** Dark blue.

**LA GRANDESSE.** Pure white.

**QUEEN OF BLUES.** Light blue.

## CROCUSES

Among the extra-early Spring flowers none surpass the Crocuses for spreading cheer at a season when color outdoors is rare. Crocuses are the little cube-shaped flowers, mostly in purple, blue and yellow, that pop out of the grass or appear in the border almost as soon as the snow is melted. The flowers appear first, followed by a grasslike foliage which, in connection with the striped varieties, is quite ornamental by itself. For best effects, Crocuses should be planted in clumps of 50 or 100, scattered along the shrubbery border or through the grass where the grass is not cut short before the end of May. In order to save the bulbs from year to year, right in their garden situation where they will naturalize, the foliage must be given a chance to mature so that it is not wise to plant them in closely cropped lawns. Rather should they be planted as an edging to beds or borders.

While, as a rule, mixed Crocuses are planted, many of our customers will be delighted to plant the named varieties for specific effects in the border.

## MIXED CROCUSES

In many solid colors, besides many striped in different colors—25c. per doz.; \$1.75 per 100; \$15.00 per 1000.

## NAMED VARIETIES OF CROCUS

**ALBION.** Large purple.

**BARON VON BRUNOW.** Light purple.

**KING OF THE WHITES.** The best white.

**MAMMOTH YELLOW.** The best yellow.

**MAXIMILIAN.** The largest porcelain-blue.

**MONT BLANC.** A favorite white.

**PURPUREA GRANDIFLORA.** One of the best—deep purple.

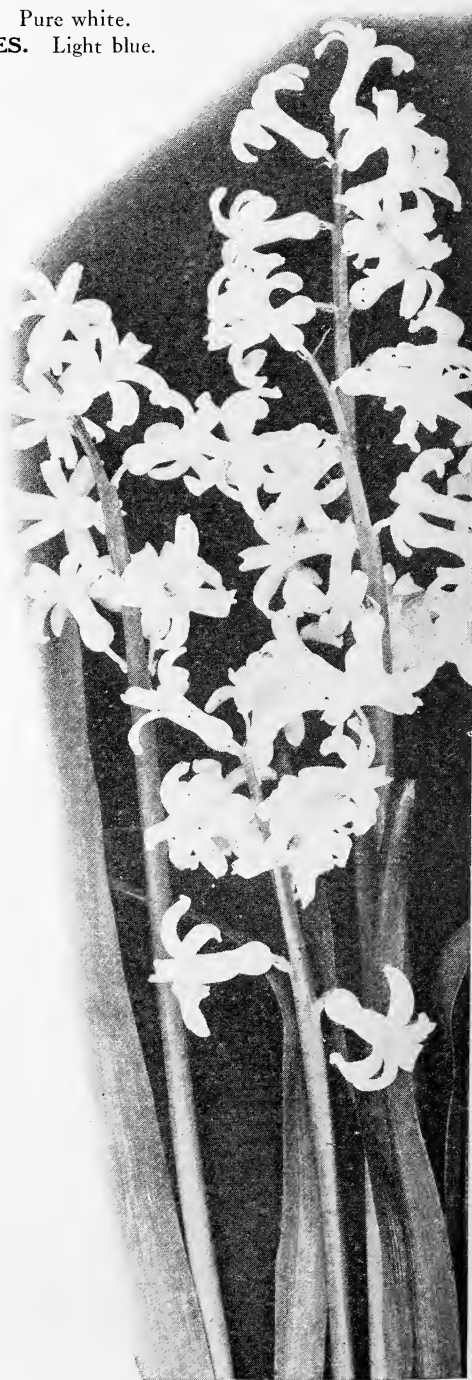
**SIR WALTER SCOTT.** A striking 'white, with purple markings.

All of above named sorts—35c. per doz.; \$2.50 per 100.

## A Real Old-Fashioned Hardy Garden

is an asset in every sense of the word. One investment in plants is the only cost. The plants grow in size and increase in beauty from year to year. Your original investment increases as the plants grow, for after a number of years, for best results, they should be divided.

This holds good particularly in the case of Iris and Peonies, the value of which increases constantly. Every well-managed garden should have a Peony row, and Iris bed. By judiciously intermingling Tulips and other bulbs described on preceding pages with hardy perennials described next you may enjoy one continuous flower show from April until frost.



The Roman Hyacinths are the earliest to bloom

## Hardy Perennial Plants

The following list are all hardy plants and can be depended on to flower entirely satisfactorily with any average grower. The demand to-day for the so-called "old-fashioned flowers," is something tremendous and it is certain that given a reasonable amount of care they amply repay the grower for all the labor bestowed on them. From the following list, a constant succession of flowers can be had from the very earliest spring days until Thanksgiving snow and ice have finally blotted out the Hardy Pompons, which are the last of the hardy plants to flower. The plants noted in this list are in most cases large, field-grown clumps, and in every case first class flowering plants, which we stand back of and guarantee to give our customers satisfaction.

**IMPORTANT.**—In the absence of other instructions, these plants are always forwarded via Express, but where Parcel Post shipments are requested, 10 per cent. of the order must be added in order to prepay the Parcel Post charges.

**Prices:** 30c. per plant, \$3.00 per doz.; \$20.00 per 100.

### ACHILLEA—*Yarrow*

**PTARMICA FL. PL., "THE PEARL."** Pure white, double flowers; one of the very finest things ever sent out; produces profusely the entire summer. Splendid for cut flowers.

### AEGOPODIUM

**PODAGRARIA VARIEGATA.** A quick growing plant with green and yellow foliage, which does well in all sections; splendid border plant.

### AGROSTEMMA—*Rose Campion*

**WALKERII.** Brilliant rose-crimson; excellent for cutting.

**CORONARIA ALBA.** Pure white, with hairy silver leaves.

### ALYSSUM—*Rock Madwort*

**SAXATILE COMPACTUM.** Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads.

### ARABIS—*Rock Cress*

**ALPINA.** Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut.

### AQUILEGIA—*Columbine*

The native flowers of North America are wonderfully useful; cast-iron in their hardiness and when cut on their dainty long stems when flowers are in bloom, are most attractive.

**CALIFORNICA HYBRIDS.** Very beautiful hybrids: sepals and petals tinged with orange with long spurs of orange red. 2 to 2½ feet.

**GRANDIFLORA.** Superb type long-spurred hybrids mostly pure white or light in color. 3 feet.

**CHRYSANTHA.** Golden yellow variety; sepals primrose yellow, petals deeper yellow, shaded with claret at the tip.

**CÆRULEA** (The Rocky Mountain Columbine). Blue and white, sometimes shading to lilac. 12 to 15 inches. See illustration on page 12.



A perennial border of this kind will truly be a joy forever. Here, Phlox and Shasta Daisies combine with Delphiniums and Coreopsis to give you an uninterrupted show from early June until frost.

## HARDY ASTERS or Michaelmas Daisies

These lovely fall-flowering subjects which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are the cream of the European collections and are well worthy of a place in every garden, since they are so distinct in type and novel in colors.

**Prices:** 20c. per plant; \$2.50 per doz.; \$15.00 per 100.

**COLWELL PINK.** A lovely clear pink, flowering during September. It is one of the best additions to the perennial Asters. Its medium-sized flowers are produced very freely; pyramidal habit and very distinct. Height 3 feet 6 inches.

**CLIMAX.** Clear light blue flowers measure 2 inches across; one of the very best.

**DIFFUSUS PENDULUS.** Blush rose, graceful, drooping habit. Sold out.

**DORIS.** This pure white variety, with splendid habit and sprays is one of the best of the large-flowering whites, coming into flower the first week in September. Height 3 feet.

**EILEEN.** Old rose color; medium-sized flowers, produced in great profusion on very graceful sprays; flowering end of August. Height 3 feet.

**ENCHANTRESS.** Blush, with yellow center, satisfactory in all locations. Sold out.

**FLOSSIE.** Pure white, in full flower by September 1st.

**FRANCIS SANDS.** Lovely Cornflower blue, very novel color in Asters. Nicely shaped flowers of medium size; very striking; pyramidal habit; flowering in September. Height 4 feet.

**INNOCENCE.** Pure white, fully open September 1st, very early and good.

**MRS. H. MORRIS.** Rich pink; very free, with flowers produced in profusion.

**MISS DAVIES EVANS.** Beautiful heliotrope blue, flowering September 1st.

**MRS. WALKERDINE.** Pale blue;  $3\frac{1}{2}$  feet. Very valuable for cutting.

**MRS. D. MITCHELL.** Pure pink, resembling St. Egwin, but much taller and far superior.

**NANCY BALLARD.** Rich, reddish purple; very double flowers; erect growth, most profuse in bloom. Sold out.

**PEGGY BALLARD.** One of the finest Asters recently introduced. Its rosy lilac flowers are quite double for many days, then pass to semi-double with golden anthers. The flowers are borne on fine, stiff stems, 3 feet high. The variety received an Award of Merit at the R. H. S., London, for being the finest Aster ever shown.

**ROBERTSON, V. C.** Color, pale Hortense-violet, flowers semi-double and well divided on the spray. This is one of the best and strongest varieties, holding itself erect without any artificial support.

**RYECROFT PURPLE.** Very strong grower; flowers 2 inches across, freely produced.

**SATURN.** Color, clear light blue. Most easily described as an improved Climax, but a much stronger grower and just as tall in growth, but a shade deeper in color. Every grower who has handled Asters, will appreciate what a fine variety it really is, when we refer to it as an improved Climax.

**ST. EGWIN.** Lovely shade of pure light pink, very popular and showy.



The lovely Columbine or Aquilegia—one of the first and fairest flowers of spring—thrives in poorest soil, prefers some shade and does not mind dry situations. The true Rocky Mountain variety is shown here. See page 11.





The Hardy Asters or Michaelmas Daisies are among our loveliest fall visitors. They bloom and bloom and bloom—by the millions, and for everybody. All prefer shade.

## MICHAELMAS DAISIES (*Con't.*)

**WM. BOWMAN.** Rosy purple that is satisfactory under all conditions and one of the very best known of this type.

### **BOLTONIA**—*False Camomile*

**ASTEROIDES.** Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies; 5 to 6 feet tall.

**LATISQUAMA.** Beautiful pink flowers; 5 feet.

### **BELLIS**—*English Daisy*

**PERENNIS.** Double pink, very largely used as a spring bedding plant.

### **BOCCONIA**—*Feathery Poppy*

**CORDATA.** Flowers insignificant in size, but very numerous, borne in large terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit.

## **BUDDLEIA VARIABILIS** **VEITCHIANA**

Beautiful violet mauve; a splendid summer-flowering shrub absolutely hardy under any condition; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant.

### **CAMPANULA**—*Bell Flower*

The Campanulas mentioned below can be grown in any average garden and when potted and allowed to flower indoors are among the finest subjects for spring decorations.

**CAMPANULA CALYCANTHEMA** (Cup and Saucer variety). White, rose and blue, splendid when grown in a small group or in masses.

**MEDIUM.** Assorted colors; white, pink and mauve. Single varieties in same colors.

**CARPATICA.** A pretty species which only grows 5 to 8 inches.

**PERSICIFOLIA ALBA.** White Peach Bells.

**PERSICIFOLIA, Blue.** The Blue type.

### **CEPHALARIA**—*Roundheads*

**ALPINE.** Tall growing plants; 5 to 6 feet; delicate, sulphur-yellow flowers.

## **CERASTIUM**

**TOMENTOSUM.** Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots.

## **CHRYSANTHEMUM LEUCANTHEMUM**

**LEVIATHAN.** This is by far the finest of the Shasta Daisy type so far evolved. Under favorable conditions flowers can be cut with rigid stems from 2 to 3 feet in length. The flowers are a wonderful improvement over the Shasta Daisy in every way, so under equal conditions the flower will be at least twice as large. This is the most unique and valuable introduction in the hardy plant line in years. 50c. per clump, \$5.00 per doz.; \$35.00 per 100.

### **CONVALLARIA**—*Lily of the Valley*

**LA COLOSSE.** Wonderfully improved type of the well-known Lily of the Valley, producing flowers with fifteen developed bells on the individual spray with a stem a foot or more in length.



Shasta Daisy, Leviathan, the hardy 'Mum to which neither picture nor pen can do justice. Grow a few and become acquainted with one of the most glorious perennials. See also page 11

### COREOPSIS—*Tickseed*

**LANCEOLATA GRANDIFLORA.** Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation.

### DELPHINIUM OR PERENNIAL LARKSPUR

**BELLADONNA.** Lovely shade of light blue and is the variety most largely grown for cut flower purposes for the wholesale market.

**Prices:** 50c. per clump; \$5.00 per doz.; \$35.00 per 100.

### DELPHINIUM CHINENSE

This species is a native of China and of all the many types of Delphiniums we consider it the best either for cut flower or bedding purposes. Grows from 1 to 2½ feet high, depending on the richness of the soil. Blooms continuously from early Spring until late Fall. Color, a wonderful shade of blue.

**Prices:** 50c. per clump; \$5.00 per doz.; \$35.00 per 100.

The blue Delphiniums, planted in combination with Madonna Lilies, lend themselves to creating garden pictures of particular beauty. To encourage the planting of this combination, we have made a special offer at bottom of inside back cover, to which please refer.

## The Advantages of Making Bulb Gardens and of Fall Planting

Bulb gardens are the easiest gardens to grow for two reasons: the bulbs already have within them the flowers in embryo and it requires little skill to bring these flowers out. Moreover, they will do well in 'most any soil, provided they get a normal amount of moisture and sunshine.

As to fall planting: one has much more time to plant things during September and October than during April and May. In the case of the bulbs offered on the preceding pages, they must be planted in the fall or they will not bring you spring flowers. The sooner you put them into the ground after you get them, the more root growth they will make and the better will be the results in flowers the following spring.

When it comes to the Perennials offered on the following pages, we have always advocated fall planting since many of them start growth so early in the spring as to make the time during which they can be transplanted extremely short. In the fall, you can set them out any time after the season's growth is completed which, with most of them, is late August or September. Such as have a longer growing season, like Chrysanthemums, we do not offer in this catalogue.

## Delphiniums, or Perennial Larkspurs

### *Continued*

The present day Hybrid Delphiniums give a wonderful range of color, running from pure white to royal purple, through the most marvelous shades of azure, gentian blue and sapphire. Many of the newer varieties have a large, distinct center, shaped like a bee, which is always of a different shade of color than the surrounding petals and furnishes a gorgeous contrast. Many of the light blue have a deep black center or bee. In some of the others the bee is a brilliant Rose color, against a dark blue ground.

For the benefit of those who insist on having certain special colors and types for exhibiting at the Summer shows, we did import the named varieties from Europe, but we have developed a strain of our own here in America, which, owing to their increased vigor and constitution, are far superior and more satisfactory to the average buyer than the very best named sorts.

We have made a specialty of Delphiniums now for some years, as we realize their utility and feel there is a place in every garden in the country for these sterling plants.

### **DELPHINIUM SEEDLINGS**

#### **Totty's Special Hybrids**

As the result of years devoted to their culture, we can offer for spring planting seedling clumps of the very finest named types and challenge comparison with any other house in the country with our seedling Delphiniums. Were they grown in Europe, many of them would be named and sold at a high price. Dozens of letters were received by us the past year complimenting us on our superior seedling Delphiniums and many of them stated that though the writers had been growing Delphiniums for years, they had never received plants that gave so much satisfaction and pleasure as our seedlings.

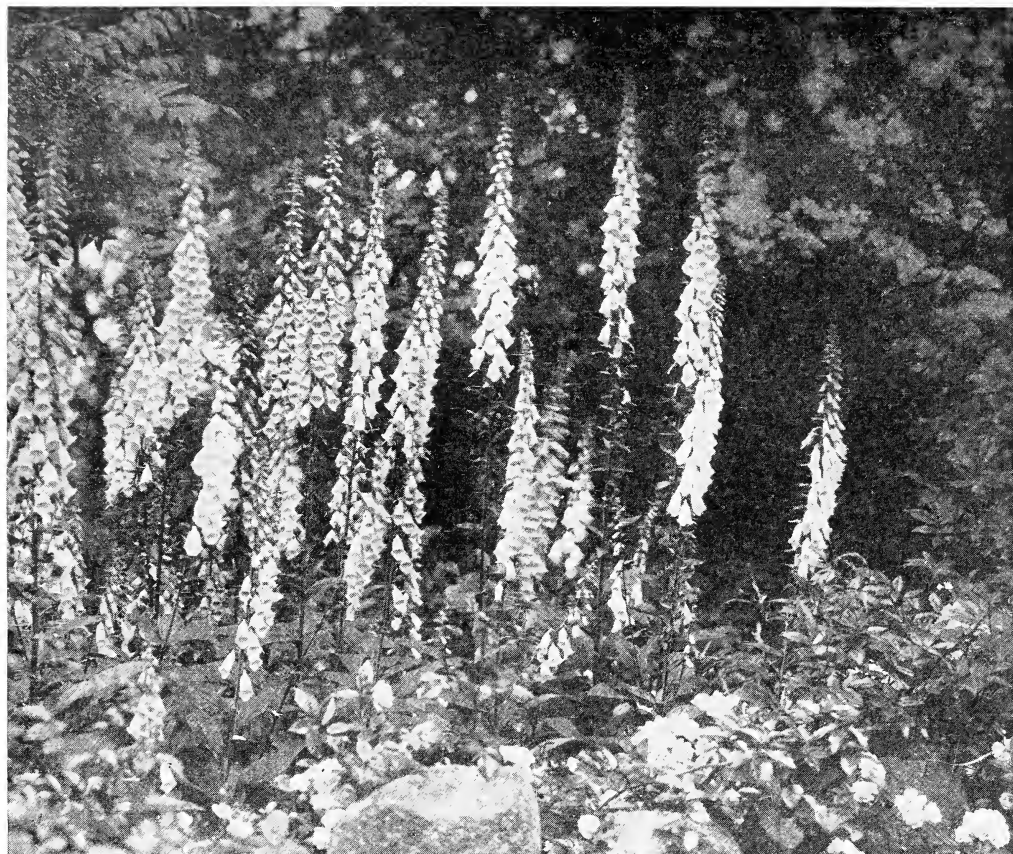
**Prices: 50c. per plant, \$5.00 per doz. ;  
\$35.00 per 100, for year-old clumps**

### **Learn to Look to Us as a Reliable Source for the Best in Hardy Plants**

We have always championed the cause of the Hardy Perennial because it is such an eminently satisfactory flower to grow. Given strong plants to

start with, they will bloom for 'most anybody, 'most anywhere. Some prefer shade; others like the sun; but all of them will thrive under the average conditions surrounding the average home. We shall be glad to help with advice as to what to grow for specific situations.





The stately *Digitalis*—almost exotic in its splendor. An ideal border plant, fine for rockery, not particular as to soil or climate

### **DIGITALIS**—*Foxglove*

The lovely Foxgloves with their stately spikes of lovely, oftentimes spotted flowers must be considered among the most charming objects of the hardy border and rockery. They thrive best in partly shaded situations, have an ironclad constitution and live for years, increasing in size and beauty as the time rolls by.

**GLOXINIÆFLORA** (*Gloxinia Flowered*). Assorted strain of spotted varieties.

**MONSTROSA**. Very large flowers, in rose-purple and white.

**LANATA**. Grayish-white, producing immense spikes 3 feet high.

### **ECHINOPS**—*Globe Thistle*

**SPHEROCEPHALUS RITRA**. Round head of bluish white, attractive flowers.

### **ERYNGIUM**—*Sea Holly*

This plant produces flowers in August and September, which may be cut and dried for winter bouquets.

**PLANUM**. Handsome blue variety.

### **GYPSOPHILA**—*Baby's Breath*

**PANICULATA FL. PL.** Double form of *Paniculata*. Pure white; 3 feet high. Most useful flowers grown for summer cutting; very scarce. 50c. per plant, \$5.00 per doz.

### **GYPSOPHILA** (*Continued*)

**PANICULATA**. Pure white flowers, splendid for use in decorating and making up bouquets.

### **HELENIUM**—*Helen Flower*

The illustration shown on page opposite hardly does justice to this magnificent perennial which, during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in colors according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of *Heleniums*.

**AUTUMNALE SUPERBUM**. Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation.

**AUTUMNALE RUBRUM**. Similar to *Superbum* but has bright terra cotta red flowers; makes a wonderful display during the month of September.

### **IBERIS**—*Hardy Candytuft*

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental while the flowers, climbing and rambling in all directions, lend a picturesque touch whenever the plants are used.

**LITTLE PRINCE**. Dainty and distinct; beautiful species of snow white flowers.





Helianthemum or  
Helen Flower,  
one of the show-  
iest perennials to  
grace our gardens  
during early fall. A  
perfect flower for the  
button hole.

### IBERIS (Continued)

**GIBRALTARICA.** Delicate pink; dwarf in habit and completely covered with small pink flowers.

### HELIANTHEMUMS (Rock Rose)

**CROCEUM.** Very pretty low-growing evergreen plants, orange red in color.

### HELIANTHUS—Perennial Sunflower

**MISS MELLISH.** Very large, bright yellow flowers.

### HELIOPSIS—Orange Sunflower

**PITCHERIANA.** Daisy-shaped flowers of deep orange color; fine for cutting; 3 feet.

### HEMEROCALLIS—Yellow Day Lily

**AURANTIACA.** Orange color, shaded bright yellow.

**FLAVA.** Best known variety; very fragrant; deep yellow.

### HOLLYHOCK

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double and single kinds.

### HOLLYHOCK

(Continued)

**DOUBLE SCARLET, DOUBLE MAROON, DOUBLE PINK.**

**SINGLE SCARLET, SINGLE MAROON, SINGLE PINK.**

### HYPERICUM

(*St. John's Wort*)

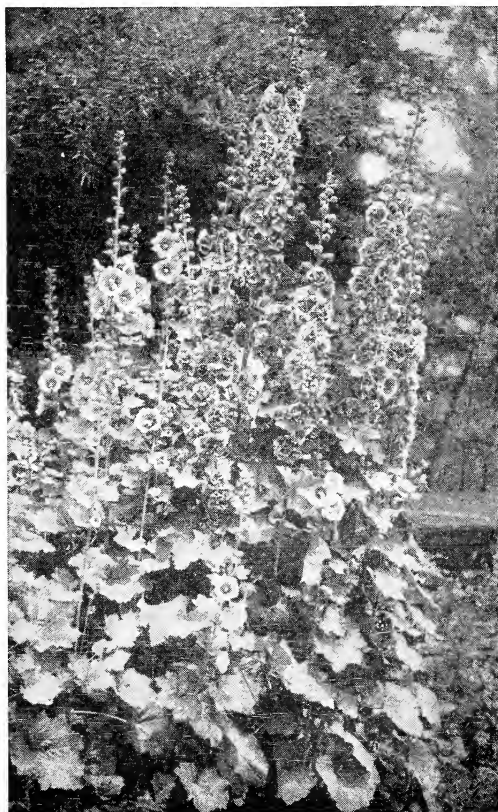
**MOSERIANUM.** Rich golden yellow flowers with yellow stamens and crimson anthers; 2 feet high.

### INULA—Flea Bane

**ROYLEANA.** Splendid Himalayan species, deep golden yellow; good substance and form, splendidly adapted for cut flowers.

### LILIUM CANDIDUM OR MADONNA LILY

This is the famous white, thick-petalled Lily, particularly valued for our June and July gardens in which it is especially impressive when used in conjunction with Delphiniums. We think so highly of Madonna Lilies as one of the finest acquisitions for our gardens that we have given the special position on the third cover of this catalogue to a good illustration and additional description. Please refer to the inside back cover.





## Tall Large-Flowering Bearded Flag Irises

### Fleur-de-Lis

*"The flower of chivalry, with a sword for its leaf and a Lily for its heart."*—(Ruskin).

Of the four really great perennials, Irises, Peonies, Delphiniums and Phloxes, the Iris takes first rank in diversity of interest with its one hundred and fifty odd species and varieties innumerable. It is hardy as a Dandelion, and happy in any good soil not stranger to the sun and good drainage. It increases rapidly and has great decorative value with its clean-cut foliage and huge spikes of bloom.

Between Tulip time and Rose time no other flower brings such masses of color to the garden picture.

Long, narrow beds in the grass are lovely. With the bearded sorts wonderful gardens may be made even on a hill. Iris gardens are growing more and more a feature of well planted grounds.

All varieties listed by us have been tested for garden worth. Each has its special merit, which we have tried to indicate in the descriptions, but the opaline beauty of the Iris flower cannot be imprisoned in print.

Buy Irises; plant Irises; until you have a good collection and when the lure of May and June is upon your garden you will agree that you have never had so much "care free" beauty.

## DIFFICULT SLOPES AND BANKS

If you have such places to cover and protect, write us for suggestions. The vineyardists of southern Europe discovered years ago that there is no "wash" in a soil full of Iris roots.

## CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and given an annual top-dressing of lime in the fall, with a top-dressing of bone meal in early spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris, a notable example being the Iris Path on the late Admiral Ward's beautiful place.

Plant 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Barely cover the rhizomes. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

**Prices:** Vigorous single roots are furnished at the prices quoted. The quality of our roots cannot be surpassed. They are grown and dug under the personal supervision of a specialist in charge of this department and one who has spent years in the cultivation and collection of this flower from all parts of the world.

In the description, S, is used to designate the standards or upright petals; F, the falls or drooping petals.

## New Irises of Rare Beauty

Here, at Madison, we maintain one of the finest Iris experiment gardens in the country and it is there that the "Lure of the New" holds sway and captures our fancies. Hundreds of newcomers claim our attention. Among the few that hold it are these:

**AURORA** (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. \$1.00 each.

**BLUE JAY** (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. each.

**CATERINA** (Foster). A. M., R. H. S. A tall plant with large, pale, lavender-blue flowers, the falls noticeably veined. This variety repays extra care in not allowing it to be crowded and giving it a warm, dry situation. \$1.00 each.

**ELDORADO**. To those who like "art" colors in flowers this will especially appeal. A large flower on slightly flexuose stems 3 feet tall. S. yellow, brown and heliotrope; F. violet touched with bronzy yellow, while the style arms are clear gold. \$1.00 each. Fall delivery.

**ISOLINE** (Vilmorin). A. M., R. H. S. S. soft yellow pink; F. deep old rose. A very large flower on 3-foot stems. It is a queen of the garden at Iris time. \$1.00 each.

**JEANNE D'ARC** (Vilmorin). A. M., R. H. S. A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches. \$1.00 each.

**LOHENGRIN**. A. M., R. H. S. A large flower, both S. and F. in shades of Cattleya mauve; petals

very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches. 50c. each.

**MONSIGNOR** (Vilmorin). A late, flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet. \$1.00 each.

**MRS. ALAN GRAY** (Foster). S. and F. soft pinkish lilac. Blooms with the Intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 75c. each.

**NIBELUNGEN**. S. fawn, F. bronzy purple edged with fawn. An erect, vigorous, free-blooming Iris and one of the best of its color. Should be planted near a "blue" like Rembrandt and creamy yellow like Flavescens. 32 inches. 50c. each.

**PERFECTION**. S. light blue; F. black violet. A very free-blooming sort and most effective as a dark foil for the lighter colors. 30 inches. 35c. each, \$3.50 per doz.

**PROSPER LAUGIER** (Vilmorin). A. M., R. H. S. S. bronzy red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches. 75c. each.

**SPECIAL OFFER:** We will send one strong root of each of above twelve magnificent Irises—a collection of plant masterpieces, for \$8.00 postpaid. Please remember: Iris should be planted during August-September.

## Standard Varieties

Price: 25c. each, \$2.50 per doz., except where otherwise noted.

**ALBICANS** (Princess of Wales). S. and F. pure white; a rare old variety, large flower, early blooming. 2 feet. 35c. each; \$3.50 per doz.

**AMAS, or MACRANTHA**. A huge-flowered form from Asia Minor. Blooms slightly later than Florentina and the Intermediates. S. bright blue, F. deep purple violet. This variety is responsible for the great size in some of the later introductions and on this account should be in the collection of

those wishing to make seedlings. 2 feet. 35c. each, \$3.50 per doz.

**AUREA**. S. and F. soft clear yellow. A very beautiful variety. Try planting it back of the wild Columbine (Canadensis). 30 inches. 25c. each, \$2.50 per doz.

**CAPRICE** (Vilmorin). S. and F. claret, shading to white at the center of the rather wide open flower. Very charming planted with Flavescens against a not too heavy tracery of green. 50c. each.



STANDARD VARIETIES (*Continued*)

**CORDELIA.** (True.) S. lilac, F. velvety crimson. Late blooming. 24 to 30 inches. 50c. each.

**FLAVESCENS.** Soft creamy yellow. No Iris is more valuable in the garden. 30 inches. 20c. each \$2.00 per doz.

**HER MAJESTY.** S. soft rose, F. deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches. 35c. each, \$3.50 per doz.

## TEN BEARDED IRIS OF SPECIAL MERIT

**Florentina**—Early, fragrant, gray white—25c. each.

**Ingeborg**—Immense white, mid-season; 35c. each.

**Isolene**—Soft yellow pink with deep, old-rose falls—\$1.00 each.

**Madame Chereau**—White, frilled with blue. See illustration below—25c. each.

**Mandalacea**—Deep blue and violet-mauve; with pale yellow, striped throat; 3½ ft. high—25c. each.

**Othello**—Rich blue and dark violet—25c. each.

**Queen Alexandra**—Mauve and yellow shades—35c. each.

**Queen of May**—Fragrant, soft lilac rose—25c. each.

**Tamerlane**—Light blue, deep purple falls—50c. each.

**Walhalla**—Lavender and purple—35c. each.

Dozen lots of each at ten times the single rate

*Just to Get You Interested*

We will supply 2 strong roots of each of above ten superb kinds, a total of twenty lovely Iris, for \$5.00 postpaid. (A \$7.50 value); 4 of each, a total of forty strong roots, for \$10.00 prepaid.

Have you room for but one class of hardy plants? Then choose the Iris! As brilliant as Orchids, as hardy as Oaks, as thrifty as Weeds, as enduring as the eternal Rocks—such is the Iris, the flower of over a hundred forms and innumerable varieties.

## JAPAN IRIS

(*Double Kaempferi Type*)

These Japanese Iris send up spikes three feet high with about a dozen spikes to a plant, each bearing three to four enormous blossoms, eight to ten inches across, of the most delicate and beautiful colors, markings and combinations. Once planted in your garden they are a joy for a lifetime without further care and bloom profusely in June and July.

**Price:** 25c. per plant, \$2.50 per doz.; \$20.00 per hundred.

**APOLLO.** Pure white, with a pink center; very large flower; single in type.

**DISTINCTION.** Light lavender pink with bright yellow blotches at base of petals. As its name implies, a most distinctive variety.

**FRATE.** Silvery white, veined and shaded lilac, with deeper lilac center.



Let us introduce "Madame Chereau," as lovely a creation as ever greeted the dawn of a new era in ornamental horticulture

## JAPAN IRIS (*Continued*)

**GOLD BOUND.** Large double white, enriched by a creamy glow from the gold banded center.

**H. VON SIEBOLDT.** Reddish, veined white, with bright yellow center.

**MT. HOOD.** Light blue, shaded darker blue, bright orange center.

**ONDINE.** White, shaded light blue toward center; very large; 9 or 10 inches across the flower.

**P. C. DE ROHAN.** Light purple, shaded violet; with a deeper purple center.

**PYRAMID.** Violet purple, veined white, in center of each petal.

**RED RIDING HOOD.** Fine amaranth, veined and suffused white in color.

**ROBERT CRAIG.** French gray, veined violet; large double variety.

**TEMPLETON.** Light violet shade, mottled reddish pink and white; often comes triple in form.

## LYCHNIS

**CHALCEDONICA.** Most desirable variety; orange scarlet; 3 feet high.

## LYTHRUM—*Rose Loosestrife*

**ROSEUM SUPERBUM.** Rose color; robust habit; 4 to 5 feet.

## LYSIMACHIA—*Loosestrife*

**CLETHROIDES.** Long, dense spikes; pure white flowers, fine for cutting.

## MYOSOTIS—*Forget-Me-Not*

**PALUSTRIS SEMPERFLORENS.** No hardy flower is better known or appreciated than this royal blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location.

## MONARDA—*Bergamot*

**DIDYMA.** Brilliant red flowers with darker center; most profuse in July and August.

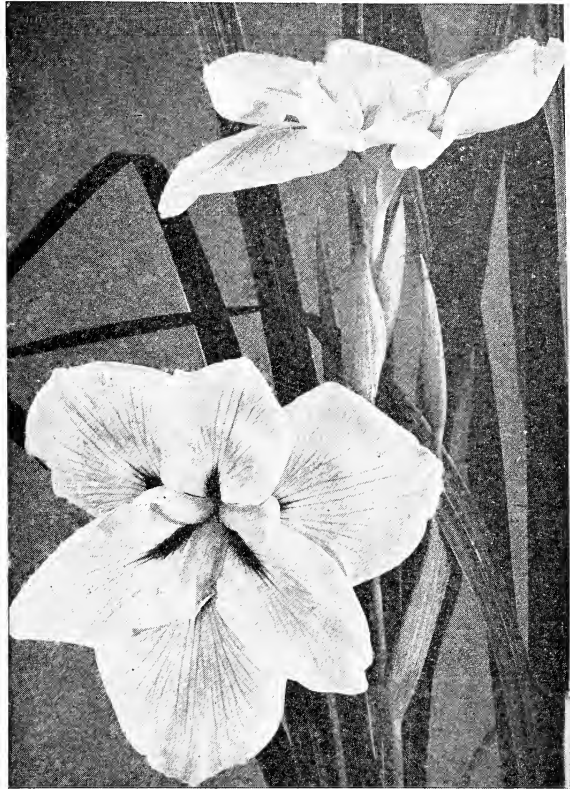
## NEPETA—*Ground Ivy*

**MUSSINI.** Bright blue flowers, silvery foliage, growing about 9 inches high.

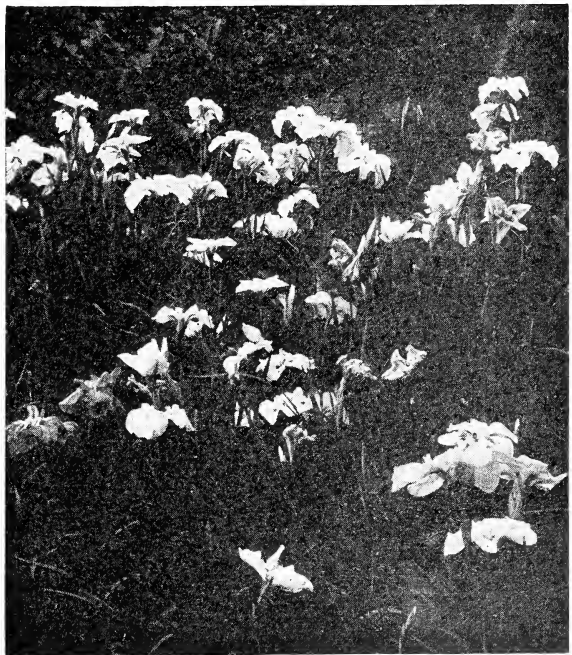
**hederacea.** Dwarf trailing creeping plant; very fine edging for borders.

## PAPAVER—*Poppy*

**ASSORTED.** In various colors and types.



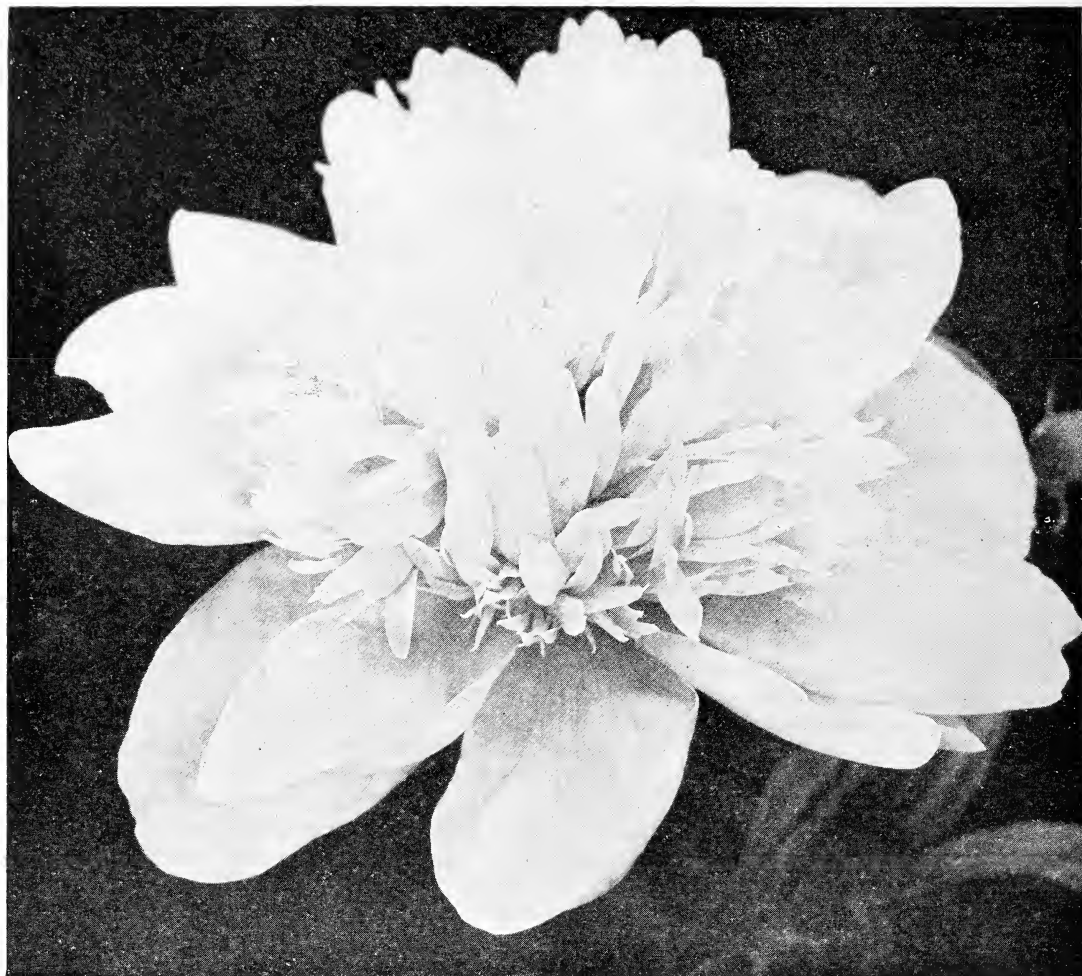
Japanese Iris love plenty of moisture and will reward extra care with magnificent flowers of extra size. They grow anywhere, however, and America may enjoy just as beautiful Iris gardens as those famous, century-old ones in Japan, on the Imperial Palace Grounds of Tokio. Plant Iris, more Iris and still more Iris!



Japanese Iris as they grow

We specialize in Novelties. Totty's Spring Catalogue is generally conceded to be an accurate record of progress in Horticulture, as far as Roses, Dahlias, 'Mums, and other flowering plants are concerned. Tell your friends of Totty Service.





## HERBACEOUS PEONIES

Cast-iron in their hardiness, blooming equally well, north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good rich soil, open, sunny position, and plenty of water during their growth, is all they need. When planting, place the roots so that the crowns are barely covered with soil.

**Price: 75c. each, \$6.00 per doz., except where priced.**

**AUGUSTINE D' HOUR.** Brilliant, deep red, with lighter reverse of pale pink. \$1.00 each, \$10.00 per doz.

**COURONNE D' OR.** Late snow white, with bright red center and yellow stamens.

**EUGENE VERDIER.** Light rose, shading pearly white, strong grower, enormous early-flowering.

**FELIX CROUSSE.** Glowing red, with reddish flame center; very large and full. Midseason.

**FESTIVA MAXIMA.** Pure white, flecked carmine; strong grower; early bloomer. One of the oldest varieties and very dependable.

**LIVINGSTONE.** Soft rose in color; imbricated blooms; late flowering. \$1.00 each, \$10.00 per doz.

**MARIE LEMOINE.** White, with carmine edges on petals; exceptionally large and very profuse flowering habit. Late.

**MEISSONIER.** Purplish red and crimson; often referred to as "The American Beauty" Peony; very tall and free; midseason bloomer.

**MME. BOULANGER.** Glossy, soft pink, shade lilac; midseason. \$1.00 each, \$10.00 per doz.

**MME. CROUSSE.** Ivory white, center petals edged crimson.

**MME. LEONIE CALOT.** Pale pink; very abundant bloomer; tall and fragrant; early flowering.

**MME. DUCEL.** Very bright pink; medium size but free-flowering and lasting.

**MODEL OF PERFECTION.** Light violet rose with bright rose center; dwarf grower and late; \$1.00 each, \$10.00 per doz.

## Hardy Phlox

We catalogue a few of the very choicest varieties of this superb and satisfactory flower and can quote on other sorts if desired. Phlox can be planted 18 inches to 2 feet apart and will repay any expenditure in the line of extra care and fertilizer. Phlox is sometimes attacked with mildew which is best treated by the use of Sulphide of Potassium in the proportion of one ounce to two gallons of water.

**Price: 30c. per plant; \$3.00 per doz.; \$20.00 per 100.**

**BOL DE FEU.** Magnificent vivid scarlet.

**CARAN DE ACHE.** Dark salmon in color. Individual trusses, very large. 2 ft.

**CHAMPS ELYSEE.** Violet purple; with large spikes. 2½ ft.

**ECLAREUR.** A dark brilliant carmine with a deeper center. 2½ ft.

**GEFION.** Lovely shade of peach blossom pink with a bright rose eye. Very large, on stiff stems.

**GENERAL VAN HEUTSZ.** Brilliant salmon scarlet with large white center. A very striking variety. 3½ ft.

**GEORGE A. STROHLEIN.** Orange scarlet with carmine eye.

**GOLIATH.** Enormous trusses of bright carmine flowers with bright red center.

**HEROSINE.** Purplish blue in color. The nearest color we have to blue in hardy Phlox. 2½ ft.

**LE FEU DE MONCE.** Salmon red in color, 2½ ft.

**LOUISE ABDEM.** A dwarf variety with large pure white trusses.

**LUSTRE.** Salmon scarlet in color and for any one wishing a brilliant colored Phlox in the garden, we can thoroughly recommend this variety.

**PINK BEAUTY.** Light lavender pink flowers.

**RHEINLANDER.** Beautiful salmon pink with claret red eye. Individual trusses of immense size.

**RIVERTON JEWEL.** Clear violet rose with a deep red eye.

**ROSENBERG.** Splendid shade of deep red with a violet eye in center.

**RYNSTROM.** Carmine rose in color. A variety that is largely grown in all sections of the country.

**WANADIS.** Light violet mottled white with a bright purple eye.

**WILLIAM ROBINSON.** Bright salmon with a violet eye in center. Tall, growing about 4 ft.

### PHYSOSTEGIA

*False Dragon Head*

**VIRGINICA.** Pale pink, tubular flowers on very showy bushes; 3 to 4 feet high, blooms all summer.

**VIRGINICA ALBA.** Pure white form of above.

### PLATYCODON

*Japanese Bellflower*

Very handsome hardy perennial, with beautiful bell-shaped flowers, much like Campanula.

**GRANDIFLORUM.** Very large deep blue star-shaped flowers. 2 feet.

**GRANDIFLORUM ALBA.** Beautiful pure white type of the above.

### POLYGONUM

*Knotweed*

**CUSPIDATUM.** Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

**All Perennials listed on pp. 11-24 are offered at the uniform prices of 30c. per plant, \$3.00 per dozen; \$20.00 per hundred.**



Hardy Phlox—the July garden's greatest glory



Sedum or Stonecrop—a hardy plant that will grow where most other plant life goes on a strike. Fine for dry, stony, poor soil.

### PRIMROSES—*English Primrose*

**Seedlings.** In assorted colors. Absolutely indispensable in the spring garden and, like Cowslips, make beautiful pot plants for Easter when grown in a cold house.

### PYRETHRUM—*Giant Daisy*

**ULIGINOSUM.** Flowers in the fall, just ahead of the Michaelmas Daisies, to which family it is closely related. 4 feet high.

**HYBRIDUM.** Single flowering pink Daisy, growing 2 feet in height; flowering during the month of June; fern-like foliage.

### RUDBECKIA

**GOLDEN GLOW.** One of the best known hardy flowers, blooming from July until September.

**NEWMANNII.** The Black-Eyed Susan, very well known and popular.

**PURPUREA.** Large, showy reddish purple flowers; 4 inches across.

### SANTOLINA—*Lavender Cotton*

**INCANA.** Silvery white foliage, used for rock border and very largely used for carpet bedding.

### SEDUM—*Stonecrop*

**SPECTABILE.** Most popular of all the Sedums, producing large, flat heads of rose-colored flowers; 2 feet high.

### SPIREA—*Meadow Sweet*

**PALMATA.** Beautiful plant, with crimson-purplish flowers; freely produced in June and July.

### STACHYS—*Wound Wort*

**LANATA.** Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders.

### SWEET WILLIAM

*Dianthus Barbatus*

Possibly one of the best known, free-flowering, hardy perennials; easily one of the most attractive flowers in the garden.

**SUTTON'S DARK CRIMSON.**

**SUTTON'S WHITE. NEWPORT PINK.**

**SUTTON'S PINK. SCARLET.**

### THALICTRUM—*Meadow Rue*

**ADIANTIFOLIUM.** Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers.

### VALERIANA—*Valerian*

**OFFICINALIS.** Very fragrant, rose tinted flowers.

**RUBRUM.** Large clusters of red flowers.

### VERONICA—*Speedwell*

**AMETHYSTINA.** Amethyst-blue flowers; spikes long and good.

**LONGIFOLIA SUBSESSILIS.** Long spikes; beautiful blue flowers; plants 3 feet high.

**SPICATA.** Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

### YUCCA—*Adam's Needle*

**FILAMENTOSA.** One of the finest hardy ornamental foliage and flowering plants. Broad sword-like foliage which makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July.



## Lilium Candidum or Madonna Lily

Among the many hardy favorites that grace our gardens and perennial borders late in June and during early July, none excel in attractiveness the chaste Madonna Lily. *Lilium Candidum* is perfectly hardy, but for best success it should be planted as early in the fall as bulbs become available, which is generally around the middle of September. The bulbs should be planted in clumps of 10 to 12, placing them about 6 inches apart in the row and covering them with just enough soil to cause the crown of the bulbs to be just beneath the surface. The bulbs will start to make a top growth immediately and the amount of this top growth determines the quality of the flowers produced during the following spring. Madonna Lilies are particularly attractive scattered through the shrubbery border or against a background of dark evergreens. They prefer shade part of the day but should not be planted where they do not get at least six hours of sun each day.

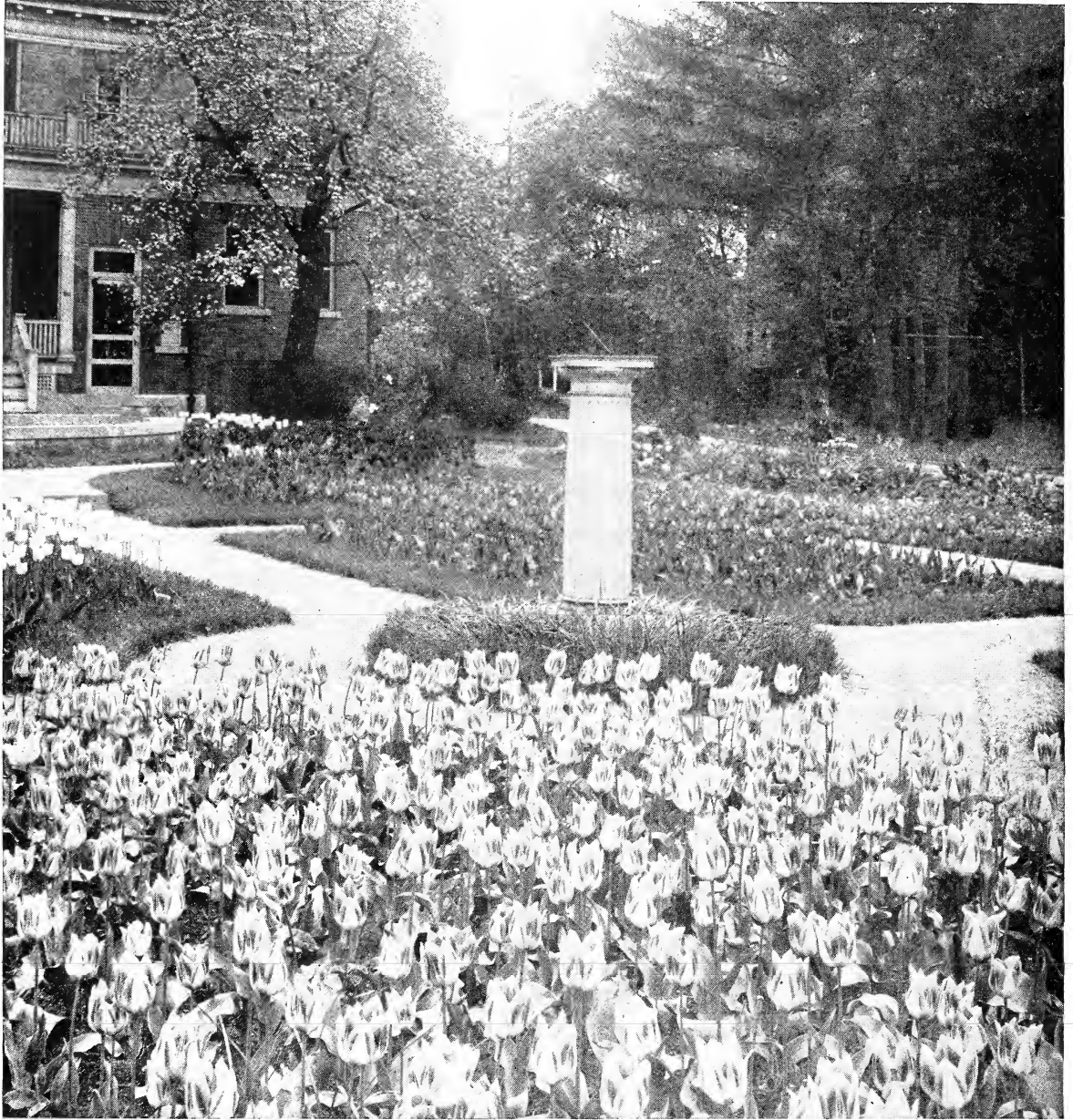
*Our stock of bulbs comes from the best growers in northern France and is guaranteed free from disease, bound to thrive in your garden for years.*

*Extra strong bulbs 40c. each; \$3.50 per doz.; \$22.50 per 100.*



In all the world, there is no more glorious sight than a bed of chaste, fragrant Madonna Lilies blooming in June. Their beauty can be greatly enhanced by planting them in conjunction with blue Larkspur. To encourage such planting, we offer six clumps of Totty's special Hybrid Delphiniums and one dozen *Lilium Candidum* at a special price of \$6.00; half that quantity of each for \$3.50.

Results *You* May Secure by  
Planting Totty Tulips *This Fall!*



*Charles H. Totty*  
*Company*

MADISON · N.J.

